

## Abstract

In a motor vehicle having a brake system and a drive train, the brake system is composed of: a vehicle movement dynamics controller (10), a control group (40) for actuating brakes and a hydraulic unit with pressure medium supply (25, 27, 30) and wheel-specific hydraulic valves (43<sub>LV</sub>, 43<sub>RV</sub>, 43<sub>LH</sub>, 43<sub>RH</sub>) for activating the individual wheel brake cylinders (12<sub>LV</sub>, 12<sub>RV</sub>, 12<sub>LH</sub>, 12<sub>RH</sub>), and the drive system has at least one drive train (2, 3; 5, 7, 8) in which a controllable clutch (6) is arranged, which clutch (6) is activated by a clutch actuation means (40<sub>K</sub>), a hydraulic valve (43<sub>K</sub>) and an actuator (16). In order to make the vehicle as a whole cheaper but also bring about a functional improvement, the clutch controller of the drive system is integrated into the vehicle movement dynamics controller (10) of the brake system, and the hydraulic valve (43<sub>K</sub>) for activating the clutch (6) is connected to the pressure medium supply (25, 27, 30) of the brake system, and the modular control group 11.

Significant figure: figure 2